



St Patrick's College Gympie

Year 10 Student Handbook for 2022



Fostering talent. Providing challenge. Pursuing wisdom

ST PATRICK'S COLLEGE GYMPIE

YEAR 10 HANDBOOK

TABLE OF CONTENTS

The Year 10 Curriculum	5
Achievement	8
Core Subjects	
Religious Education	9
English	10
Mathematics	11
Science	12
Health and Physical Education	13
History	14
Life Skills	15
Elective Subjects	
Biology	16
Business	17
Chemistry	18
Drama	19
Health and Movement - Fitness Studies	20
Design & Technology (Engineering & Materials)	21
Media Arts (Film & Television)	22
Graphics & Design	23
Design	24
Design & Technology (Food & Materials)	25
Certificate 1 Hospitality S1T10216	26
Design & Technology (Material & Technology)	27
Civics & Citizenship (Legal Studies)	28
Modern History (Extension)	29
Specialist Maths	30
Music	31
Geography and Economics Extension	32
Psychology	33
Physics	34
Physical Education (Extension)	35
Visual Art	36
English Extension	37
Certificate 1 Workplace Skills	38

WELCOME TO YEAR 10 2022

Dear Students,

Welcome to Year 10. This year, you will be provided with opportunities to prepare for the challenges of Senior School through participation in subjects that develop skills designed to enable you to succeed as independent, self-directed and motivated learners. As Year 10 represents a critical transition stage between the Junior School and Senior phase of learning, you will be challenged to begin making choices about your future pathway options and determine where your personal strengths, gifts and talents best sit.

While you should be aware of what you might need for future study and employment, it is important that you choose subjects which interest you and which you enjoy. In all these subjects, you will be challenged to develop skills in working with people, in making decisions, in assessing information critically, and in presenting your work. These will be important in the future. Make the most of this time: be aware of your learning and take control of it.

Please read this information booklet carefully so that you can make wise choices. Discuss these with your parents and teachers.

Take every opportunity to “Let your light shine” so that this year will be fulfilling and interesting. At this stage of your learning ‘how’ you study is more important than ‘what’ you study. They are important formative years as you establish learning patterns that will stay with you for a very long time.

Mr Mark Newton
Principal

GENERAL INFORMATION

St Patrick's College Mission Statement

St Patrick's College aspires to be based on Gospel values of love, forgiveness, care, respect, sensitivity and justice.

We strive to:

- witness to belief in God and the Christian way of life in our dealings with each other and the wider community,
- foster and celebrate the talents and potential of each member of our school community,
- promote intellectual, spiritual, emotional, social and physical development to the full, and
- foster a deepening personal commitment to God.

The College badge and motto were designed to encompass the aims and ideals of Catholic Education in St Patrick's Parish, Gympie.



Let Your Light Shine

Fostering talent, Providing challenge, Pursuing wisdom



We aim to develop the talents, skills and attributes of our students. However, it is important that they are challenged to further develop these themselves. The overall goal of education is for the students to become wise. This is a life-long process and the College endeavours to assist them in this journey.

THE YEAR 10 CURRICULUM

In 2022, you will be studying the following core subjects:

- Religious Education
- English
- Mathematics
- Science
- History
- Health & Physical Education
- Life Skills

You will then study **three** elective subjects **each semester**. Many of the elective subjects will focus on preparing you for senior school. If you think you will wish to study that subject in Years 11 and 12, it would be wise to choose it for one semester in Year 10.

It will be possible to study some subjects in each semester, while others will be offered for one semester only. The number of semesters that some subjects are offered for and the semester in which they are offered will depend on student interest in those subjects. For example, if very few students choose a subject, that subject will not be offered.

Elective subjects:

<p>The Arts:</p> <ul style="list-style-type: none"> • Art • Drama • Music <p>Technology & Design:</p> <ul style="list-style-type: none"> • Graphics & Design • Design • Industrial Technology & Design • Engineering • Food and Materials <p>Science/Maths:</p> <ul style="list-style-type: none"> • Biology • Psychology • Physics • Chemistry • Specialist Maths 	<p>Information & Communication Technologies:</p> <ul style="list-style-type: none"> • Film & TV <p>Humanities:</p> <ul style="list-style-type: none"> • Legal Studies • Geography and Economics • Business • Modern History • Extension English <p>Physical Education:</p> <ul style="list-style-type: none"> • Health and Movement • Physical Education Extension <p>Vocational Education</p> <ul style="list-style-type: none"> • Certificate 1 Hospitality • Certificate 1 Work Readiness
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It is helpful to have some ideas about possible career choices at this stage, even though you may change plans or review decisions. During these years, the College Counsellor and Pathways Leader may be able to help you get started by giving you some suggestions on how to investigate jobs and how to approach career decision making. The following resources are available and give information on subjects, courses and careers:

- *Queensland Job Guide* and other careers information
- *Job and Course Explorer (JAC)* computer program
- *QTAC website (MyPath and Course Guide)*

Your choice of subjects and degree of success with them now may affect your choice later in Years 11 and 12. Success at the highest level of Mathematics is necessary if you wish to study Maths Methods and Specialist Math, Physics and Chemistry. While other subjects may be commenced in Year 11 without prior study, it is advantageous to have studied the corresponding subject earlier, for example, having studied Design or Design Technologies helps if you wish to study Senior Design. It also means that you will have a greater understanding of what is involved in

this subject, and so will know if you enjoy it and do well in it. It is not a pre requisite though – many students have successfully chosen to do Senior subjects without studying a Year 10 engagement elective.

Please note the Vocational Education subjects. These two Certificate Courses have the capacity to ‘count’ towards the Queensland Certificate of Education that is typically a goal of completing Year 12. Specific conditions apply to how Certificate 1 courses can be accrued to a student’s course of study, but they can be useful in engaging or progressing student attainment in a future QCE. Please talk to the Pathways or Senior Curriculum Middle Leaders for more information about how these subjects may work as part of an overall pathway.

To help cater for a best-fit of student interest, this year there are no pre-determined ‘lines’ of subjects. Students are asked to express overall list of preferences for subjects to study.

It will be possible to study some subjects in both semesters, while others will be offered for one semester only.

You will be able to indicate a preference for all subjects and this will help determine which subjects are able to be offered each semester. Some of these subjects can only be picked once. Some can be selected for Semester 1 and Semester 2 (S1, S2), or just once.

Subjects will end up being timetabled in a 'set' or 'Line' - they will be scheduled at the same time. You may find that by listing all your preferences, your top 3 preferences each semester may be possible. For some, it may be that a lower preference is allocated in one or both semesters or in 1 or 2 lines, as there may be limited opportunity to offer multiple classes or a class of that subject at that time. This could be due to a combination of factors related to staff availability, enough students selecting the subject to make it viable, room availability, and the level of exposure to the subject needed to be useful for students prior to 2023. The reality is that not all students will get into their first preference – hence **choosing a considered set of priority preferences is important**. Final subject offerings are developed from student preference, teacher availability, and room and resource capacity. Where possible, the College will attempt to meet as much of student preference as able.

Should you wish to revise your choices once the 2022 year begins, there will be opportunity to do so at the beginning of Semester 1 and before the beginning for Semester 2. Please keep in mind that at that stage, there may be limited room in some of the elective subjects.

You will indicate your elective subject choices using Subject Selection Online Tile in the Student Portal during Term 4.

You are advised to choose subjects which:

- you enjoy
- will help you reach your chosen course and career goals, or at least keep many careers open to you, and
- will develop skills, knowledge, and attitudes useful throughout your life.

Progressing towards Years 11 and 12, you will decide whether you wish to be eligible for an ATAR. You will choose this if you do well at many of the more ‘academic’ subjects and are considering attending university. You will probably choose more vocational subjects if you are much more engaged in practical subjects and hope to go to TAFE or find a job/apprenticeship immediately after Year 12. You still need effort and hard work. There is no “easy option”.

Please keep in mind the grades in Year 10 to promote selection into Year 11 subjects. Grades listed in the subjects below are a demonstration of the likelihood of a student succeeding in Year 11. This is a SAMPLE. A full guide will be provided earlier in Term 1 2022 after the 2021 ATAR data is released.

Year 11 Subject	Year 10 Subject expected achievement
Biology	10MAT>C and 10SCI>B-
Business	10ENG>C
Chemistry	10MAT>B- and 10SCI>B-
Certificate I Construction	ITD>C
Design	10ENG>C
English	10ENG>C
General Mathematics	10MAT>C

Legal Studies	10ENG>C+
Mathematical Methods	10MAT>B- and 10SCI>B-
Certificate II Engineering	ITD>C or Engineering>C
Physics	10MAT>B- and 10SCI>B-
Psychology	10MAT>C+ and 10SCI>C+
Specialist Mathematics	10MAT>B
Study of Religion	10ENG>C+ and 10RE>C+
Visual Art	10ENG>C+

Be honest about your abilities and realistic with your career aims. If your career aims require the study of certain subjects, consider whether you have the ability and determination to work hard enough to achieve the necessary level of results in those subjects. In senior, you need to pass subjects for them to contribute to the Queensland Certificate of Education.

If you need more help, then seek it. Talk to your parents, teachers, the Deputy Principal, Senior Curriculum Middle Leader, Pathways Middle Leader, and the College Counsellor.

ACHIEVEMENT

Homework and Study

Students are encouraged to spend about 8 to 10 hours per week on schoolwork at home. This is an average of 12 minutes per subject per night.

This time should be spent doing set homework (usually due the next day), assignments (which may be due in 1-2 weeks), and extra work/**revision** that the students set for themselves (study).

At the beginning of each semester, assessment planners are provided on the College Assessment Calendar. These detail the assignments and examinations for each subject for the semester. They should help students use their time effectively. For example, up to five assignments might be due in a particular week. In this case, the students need to be working steadily on these before that time to avoid 'last-minute' panic.

Assessment

Students are assessed using a range of instruments depending on the particular subjects. These include instruments such as end-of-term formal examinations, assignments, folios of work, practical exercises, and oral presentations.

As well as providing information about the student's performance in the subject, assessment is used to help the student improve their learning. It provides a learning experience for the student whose performance should improve when similar assessment instruments are used again. It also allows feedback to the student, so that action may be taken to improve the results.

The assignment policy is detailed in the Student and Parent Portal and summarised in the Student Diary. Of particular note are the sections on extensions of time, timeliness, oral assessment, and plagiarism.

Reporting

School reports are issued at the end of Terms 1, 2 and 4.

The Term 1 report is a report designed to indicate how successfully the student has adapted to the new year level. It is followed up with Parent-Teacher meetings to allow this to be discussed. Similarly, the Semester 1 report is followed by Parent-Teacher interviews in July. If parents have a concern about their child's progress, appointments with the relevant teacher(s) may be made during the year.

The reports indicate progress, showing overall achievement in the subject. More information is given by the results in the dimensions of the subject. While not all students can be high achievers, there is cause for concern if a teacher's comments indicate that the attitude towards a subject is negative.

RELIGIOUS EDUCATION (CORE Subject)

Concepts

The Mystery of God

- Why all the Mystery?
- God in creation
- God in life and death
- God beyond language
- God in the arts

Responses to Controversy

- Do I have the courage to care?
- How can Christian writings and Catholic Social Teaching inform responses to contemporary dilemmas?
- Reconciliation (society, racial, historical, personal and spiritual levels)
- The role of Eucharist plays in reconciliation
- The role of conscience in the act of forgiveness

A Religious Impact on World History

- Ecumenism and multi-faith religious citizenship
- The early Church and St Paul
- Religious diversity
- Acting for religious freedom

Skills developed

- Comparing and contrasting points of view
- Analysis of scripture/text
- Critical analysis
- Interpretation of text and symbols
- Interpretation of timeline
- Interpreting maps
- Writing and communicating
- Inquiry processes/Investigating
- Evaluating
- Applying
- Synthesis of sources
- Historical inquiry
- Deriving meaning from art, objects and rituals and artefacts

Assessment

- In-class written responses to images and questions
- Written responses to Inquiry
- Multimedia response to Inquiry

eLearning Skills:

- PowerPoint
- TEAMS
- Word
- Clickview
- 'Learning Byte' online tool

ENGLISH (CORE Subject)

Concepts

- Documentary and Mockumentary
- Bias, point of view, and 'subjective' and 'objective' documentary styles
- Public speaking and persuasive language
- Shakespeare – a close look at one play
- Coming-of-age stories explored in works of fiction
- Stories inspired by poetry
- Crime fiction

Skills developed

- Expository writing
- Narrative writing
- Public speaking
- Explaining language choices based on genre
- Close analysis of film techniques
- Planning and drafting written work
- Critical analysis of visual texts
- Developing an understanding of audience positioning
- Use of cohesive devices – especially devices that signal chronology, paragraphs
- Using direct quotes and paraphrasing
- Proofreading
- Vocabulary

Assessment

- Persuasive speech
- Documentary film review
- Dramatic performance based on a Shakespearean theme
- Analytical Essay on a novel
- Short story
- Depth study of the crime fiction genre – Multimodal presentation

eLearning Skills

- Word processing using various platforms
- Presentation media eg PowerPoint
- Email

MATHEMATICS (CORE Subject)

In Year 10, the Mathematics course operates follows the ACARA 10 Mathematics curriculum, with extension opportunities provided. Extension opportunities emphasise the algebraic techniques required for Senior Specialist Mathematics and Maths Methods. Achieving a passing grade in 10 Mathematics indicates a student is above the national minimum standards for numeracy and is capable of pursuing the General Mathematics course in Year 11.

Concepts

Number and algebra:

- Financial Mathematics
- Patterns and Algebra
- Linear and non-linear relationships
- Real numbers

Statistics and Probability

Measurement and Geometry

- Using units of measurement
- Geometric reasoning
- Pythagoras and trigonometry

Skills Developed

- Recognise the connection between simple and compound interest
- Solve problems involving linear equations and inequalities, quadratic equations and simultaneous equations
- Solve surface area and volume problems relating to composite solids
- Apply deductive reasoning to proofs and numerical exercises involving plane shapes
- Calculate quartiles and interquartile ranges and compare data sets
- Describe statistical relationships between two continuous variables
- Expand binomial expressions and factorise quadratic expressions
- Perform the four operations with simple algebraic fractions.
- Use triangle and angle properties to prove congruence and similarity
- Use trigonometry to calculate unknown angles in right-angled triangles
- List outcomes for multistep chance experiments and assign probabilities for these experiments

Assessment

- Exams
- Assignments involving mathematical investigations and/or research tasks

e learning Skills

- Data-handling and spread-sheeting programs – Excel
- Graphical analysis programs – Desmos, Plotly
- Accessing, and use of, digital resources

SCIENCE (CORE Subject)

Concepts

- Biological, chemical, geological and physical evidence for different theories, including natural selection and the Big Bang
- Motion and forces
- Relationships within the periodic table
- Equilibrium within of the living, physical and chemical world

Skills developed

- Describe
- Analyse
- Explain
- Evaluate

Assessment

- Supervised Assessments
- Research Tasks
- Experimental Investigations
- Scientific Reports

eLearning Skills

- Data logging
- Email
- TEAMS as a digital learning management environment
- One Drive for data sharing
- Word processing and Spreadsheets skills
- Online analytics and data visualization tools
- Clickview
- Scootle
- Online Risk Assessment

HEALTH AND PHYSICAL EDUCATION (CORE Subject)

Concepts

Practical units:

Continuous / Circuit / Interval Training, Basketball, Gaelic Football, Volleyball (SEPEP), Soccer (SEPEP), European Handball, Cultural Games

Theory units:

Training Principles & Methods, Sociological Influences on Participation, Coaching Principles, Drugs, Alcohol, Healthy Relationships

Skills developed

- Ball handling skills
- Offensive and defensive strategies
- Refereeing
- Game play
- Glove work
- Racquet/ball coordination
- Teamwork
- Sportsmanship

Assessment

- Exams
- Assignments
- Projects
- Reports
- Continuous evaluation of participation, sportsmanship, skills and game play

eLearning Skills

- Use of electronic equipment
- internet research

HISTORY (CORE Subject)

Concepts

- World War 2
- Rights and Freedoms: civil rights activism in Australia
- Australia's migration history

Skills developed

- Use of primary and secondary sources
- Discerning source validity
- Analysing and describing cause and effect, continuity and change
- Timelines and mapping
- Interpreting and explaining statistics and other forms of historical data
- Making inferences based on visual distributions of data depicting trends and patterns
- Representing data – climate graphs, population pyramids etc.
- Inquiry skills – asking and refining questions to guide research

Assessment

- Stimulus-response tasks
- Research assignments
- Multimodal presentations
- Knowledge exams

eLearning Skills

- Online research – using databases and referencing apps
- Word processing using various platforms

LIFE SKILLS (CORE Subject)

A greater understanding of individual capacity to aid future subject and career directions. Specific awareness of Cognitive Verbs and their application in framing learning and thinking. Mentoring regarding progress and career aspirations. Specific programs, such as First Aid Certificate, that assist with career and community participation.

Assessment:

- No formal assessment

BIOLOGY (can study for one semester)

Concepts

- Cells- The differences between the Five Kingdoms of life at a cellular level
- Plant Kingdom- Factors affecting plant growth and productivity

Skills developed

- Experiments and Investigations in a Laboratory
- Evaluate the outcomes of experiments and investigations
- Communicate understandings, findings, arguments and conclusions

Assessment

- Create a Biological model
- Data Exam
- Investigating a claim
- Exam

eLearning Skills:

- Word processing and spreadsheeting
- Use of Pasco digital probes for data collection
- Graphing using online digital apps e.g. Desmos, Plotly

BUSINESS (can study for one semester)

Concepts

- Work, Health and Safety
- Event Management
- Financial Administration

Skills developed

- Understanding of Work Health and Safety legislation and requirements
- Investigate and identify potential hazards around the school or workplace
- Understanding of the planning process for an event
- Develop a plan for own event
- Host event
- Understanding of financial administration (i.e. insurance protection, inventory control, protecting assets etc)

Assessment

- Report – work health and safety findings
- Host an event and post-presentation
- Short response exam – financial administration

e-Learning Skills

- Word processing
- Presentation media e.g. PowerPoint
- Email

CHEMISTRY (can study for one semester)

Concepts

- Structure of the atom to better understand the relationship between protons, neutron, electrons, and energy levels in atoms and their location in the periodic table
- Covalent and ionic bonding
- Polarity of the water molecule and design tests to determine the ability of water to dissolve certain substances, liquid, solid and gases
- Chemical reactions involve breaking of bonds between atoms in the reactant, and the rearrangement and rebonding of these atoms to make products
- Reactions to produce a gas, form a precipitate, and cause colour to change
- Endothermic and exothermic reactions
- Quantitative relationships in chemical reactions

Skills Developed

- Science processing skills
- Higher-order thinking
- Mathematics essential to inquiry, measurement, development of formulas, and creation of charts and graphs to communicate.
- Collection of real-time sensor data with probes and interfaces
- Use a variety of technology to perform active hands-on experiments to collect and analyse data
- Research using Science inquiry to understand major concepts
- Working collaboratively

Assessment

- Supervised Assessment all about bonding
- Experimental Investigations

eLearning

- Online analytics and data visualization tools
- Sensors, probes and interfaces
- Data sharing
- Online simulations, animations and demonstrations

DRAMA (can study for one or both semesters)

Concepts

- Script presenting
- Critical analysis
- Directorial workshop
- Contemporary theatre

Skills developed

- Script writing
- Directorial skills
- Understanding of the Elements of Drama
- Physical and vocal characterisation
- Analysis of theatre

Assessment

- Making - Directorial Workshop
- Making - Script to stage performance
- Responding - Extended Critical Response to Live Theatre

eLearning skills

- PowerPoint creations in performance
- Creating soundscapes (sound editing)
- Word processing skills

HEALTH & MOVEMENT (FITNESS STUDIES) (can study for one semester)

Concepts

Students will engage in a variety of learning experiences that will develop their coaching knowledge and skills as well as their knowledge of anatomy, physiology and fitness testing. These learning experiences will involve a combination of theory and practical classes where students will learn in, through and about fitness and physical activity and its importance to a healthy lifestyle.

Skills developed

- Fundamental coaching skills
- Application of coaching skills to a specific sport
- Fitness testing and analysis of results
- Basic knowledge of anatomy and physiology

Assessment

- Continuous evaluation of participation in all classes
- Execution of a coaching session and reflection assessment
- Fitness testing, bones and muscle exam

eLearning Skills

- Use of electronic equipment

Note:

Students are required to wear their sports uniform and to implement Workplace Health and Safety requirements as well as Sun Safety requirements for their practical lessons.

DESIGN & TECHNOLOGY (ENGINEERING & MATERIALS) (can study for one or both semesters)

Concepts

Metal Fabrication

- Materials & Equipment
- Hand Tools
- Steel manipulation
- Finishing techniques

Sheet Metal Fabrication

- Materials & Equipment
- Hand Tools
- Sheet metal manipulation
- Workshop machines

Machine Operation

- Machine recognition
- Operating procedures
- Measurements and calculations
- Materials

Skills Developed

- Sketching
- Design principles
- Reading and analysing engineering drawings
- Use of hand tools
- Machine safety
- Workshop processes
- Research and planning
- Production timing

Assessment

- production of projects

eLearning Skills

- Web based research

MEDIA ARTS (FILM & TELEVISION) (can study for one semester)

Concepts

- Film Making
- Video editing
- Shot types
- Storyboarding
- Film analysis
- Special effects
- Stop motion

Skills developed

- Camera use and technique
- Creating with video editing software
- Critique writing
- Successful storyboarding
- Understanding stop motion and Claymation
- Working as a production team

Assessment

- Stop motion movie
- Music video
- Special effects TV commercial
- Movie critique
- Storyboarding

eLearning skills

- Video editing
- Music creation and editing
- Stop motion program use
- Cloud based storage
- Word processing

GRAPHICS & DESIGN (can study for one or both semesters)

This course prepares students for the senior subjects requiring Computer Aided Design skills and general Design capacities.

Concepts

Product Design

- Materials & Equipment & CAD
- Pictorial Views
- Orthographic Projection
- Perspective Projection

Built Environment

- Pictorial Views
- Materials & Equipment & CAD
- Architectural Drawing
- Perspective Projection

Business Graphics

- Pictorial Views
- Orthographic Projection
- Diagrams and Charts
- Materials & Equipment & CAD
- Plane Figures and Shapes

Skills Developed

- Sketching & Rendering
- Design principles
- Reading and analysing engineering drawings
- CAD
- Animation
- Synthesising Ideas to solve problems
- Research and planning

Assessment

- Assignments

eLearning Skills

Use of a wide variety of digital programs including:

- Autocad
- Inventor
- Revit
- Sketch-up
- Lumion

DESIGN (can be studied for one semester)

This course is a possible foundation for senior subjects such as General Design, Applied Visual Arts in Practice and Visual Art. Design principles are explored to develop design thinking to produce designed solutions to identified needs or opportunities of relevance to individuals and regional and global communities.

Concepts

Exploring
Creating
Synthesising
Evaluating
Communicating

Skills Developed

- Research and planning
- Sketching to communicate
- Elements and Principles of Design
- Synthesising Ideas to solve problems
- Prototyping with a variety of materials
- Designing with Empathy
- Designing for Sustainability

Assessment

- Projects
- Design Challenges

eLearning Skills

- Computer Aided Design
- Research Skills
- Presentation Skills

DESIGN & TECHNOLOGY (FOOD & MATERIALS) (can study for one or both semesters)

Concepts

- Wellbeing of people within their personal, family, community and work roles
- Nutrition
- Practical cooking skills
- Sustainable food practices
- Food evaluation

Skills developed

- plan investigations, actions and activities
- collect, sort and analyse information and resources
- evaluate information, draw conclusions and make decisions
- examine risk, and decide upon and apply safe practices
- select and demonstrate personal development skills and strategies
- investigate and analyse products, processes or services in response to design challenges or problems
- design solutions to challenges or problems
- develop and use production plans to manage and refine procedures
- use safe and ethical practices
- create products, processes or services
- communicate design solutions
- validate and refine the effectiveness of solutions to challenges or problems
- analyse and evaluate the ethics and impacts of products, processes and services
- reflect on learning, applying new understandings of technological processes to wider contexts

Assessment

- In-class tasks
- Practical cooks

eLearning Skills

- Word processing
- Clickview

CERTIFICATE I HOSPITALITY SIT10216 (can study for one semester)

St Patrick's College Gympie

RTO number 45734



SIT10216 Certificate I in Hospitality

Qualification Description

This qualification reflects the role of individuals who participate in a range of routine and predictable hospitality work activities. They work under close supervision and are given clear directions to complete tasks.

Duration and Location

This is a 6 month course delivered in Year 10 on site at St Patrick's College.

Course Units

BSBWOR203 Work effectively with others
SITXCCS001 Provide customer information and assistance
SITXWHS001 Participate in safe work practices
SITXFSA001 Use hygienic practices for food safety
BSBPEF202 Plan and apply time management
FSKNUM003 Use whole numbers and halves for work

Delivery modes

A range of delivery modes will be used during the teaching and learning of this qualification. These include: face-to-face instruction; guided learning; online training.

Fees

There are no additional costs involved in this course.

Assessment

Assessment for this course includes but is not limited to completing practical tasks, Hands-on activities, group work, responding to case studies, short response tasks and project/folio work

Pathways

Certificate I in Hospitality provides foundation knowledge and skills required for the Certificate II Hospitality course available in Year 11.

RTO Obligation

The RTO guarantees that the student will be provided with every opportunity to complete the qualification. We do not guarantee employment upon completion of this qualification. Students who are deemed competent in all 6 units of competency will be awarded a Qualification and a record of results by St Patrick's College. Students who achieve at least one unit of competency (but not the full qualification) will receive a Statement of Attainment.

DESIGN & TECHNOLOGY (MATERIAL & TECHNOLOGY) (can study for one or both semesters)

Concepts

3-D Frame Construction

- Workshop Safety
- Tools and Machine Use
- Timber Technology and Design
- Measuring, Marking and Jointing
- Adhesives, Abrasives and Finishing

Carcase Construction

- Workshop Safety
- Planning and Design
- Tools and Machine Use
- Measuring, Marking and Jointing
- Box, Dovetail and Housing Joint
- Adhesives, Abrasives and Finishing

Plastics Technology

- Workshop Safety
- Machine and Tool Use
- Plastics Technology and Identification
- Shaping and Forming
- Planning and Design

Skills Developed

- Use of hand tools
- Use of basic woodworking machinery
- Reading & interpreting plans
- Managing time constraints
- Organisation of work space
- Development of production plans

Assessment

- Assessment includes all practical class work, class skill projects, major projects, design folio work, technology theory tests, assignments, and safety tests.

eLearning Skills

- Web based research

CIVICS & CITIZENSHIP (LEGAL STUDIES) (can study for one semester)

Concepts

- Introduction to the Legal System
- Criminal Law
- Contract Law

Skills developed

- Understanding of why we need laws, where our laws come from and the court system
- Participate in a class election (based on preferential voting system)
- Understanding of criminal offences
- Investigate and analyse a criminal case
- Understanding of contract law and elements of a contract
- Understanding of consumer law

Assessment

- Short response exams (Legal System and Contract Law)
- Multi-modal presentation (Criminal Law)

eLearning Skills

- Word processing
- Presentation media such as PowerPoint
- Email

MODERN HISTORY Extension (can study for one semester)

This subject provides students with an opportunity to preview aspects of the Senior History syllabi. Topics covered will develop skills and interest in a range of Modern, themes and events that support the understanding of topics in the Senior Modern History course. The skills and concepts will be drawn from a selection of the ACARA National Curriculum which align with the Senior General (ATAR) subject.

Concepts

A selection from (though not limited to):

- Communism in China
- Imperialism
- United States international engagement policy

Skills developed

- Use of primary and secondary sources
- Discerning source validity
- Analysing and describing cause and effect, continuity and change
- Timelines and mapping
- Interpreting and explaining statistics and other forms of historical data
- Making inferences based on visual distributions of data depicting trends and patterns
- Representing data – climate graphs, population pyramids etc.
- Inquiry skills – asking and refining questions to guide research

Assessment

- Stimulus-response tests
- Inquiry assignments
- Source Analysis assignments

eLearning Skills

- Online research – using databases and referencing apps
- Word processing using various platforms

SPECIALIST MATHS (can study for one semester)

Concepts

- Trigonometry
- Geometry- Tessellations
- Vectors
- Problem solving- Algebra

Skills developed

- Abstract thinking
- Communication and Justification
- Drawing mathematically
- Calculator use
- Problem solving

Assessment

- Exam
- Assignment

eLearning Skills

- Spreadsheets
- Use of digital apps for modelling and exploring Mathematics Geogebra

MUSIC (can study for one or both semesters)

Concepts

Learning and assessment is based on three dimensions – Musicology, Composition and Performance.

Musicology – Investigating Music Theory and the evolving history and impact of culture on various musical styles and genres

Composition – Looking at the structures and processes of creating original musical pieces through exploration and application of the elements of music

Performance – Individual or group performances of repertoire from a variety of styles and genres

Units include

- Film Music
- Musical Theatre
- Country Music
- Classical Music
- Instruments and World Music
- Get up Stand up (Investigating Protest music)

Skills Developed

- Aural perception
- Music analysis
- Musicology - Knowledge of musical elements, notation and rhythm
- Composition - students will have the opportunity to layer tracks and mix audio with visual.
- Performance - working as part of a group and as individual performers

Assessment

- Written – Theory, research and Musicology tasks
- Performance - Individual or Group
- Compositional - Individual

eLearning Skills

- Music composition programs and apps specific to the study of Music
- Converting and exporting sound files
- Video and sound recording
- Online research – using data bases and referencing tools
- Using presentation software

GEOGRAPHY AND ECONOMICS EXTENSION (can study for one semester)

Concepts

- An understanding of land cover based on biomes
- The influence of anthropological actions on the environment
- The strategies that can be used to manage financial risks and rewards
- The role of business in Australian society and government

Skills developed

- Creating graphs and maps
- Analysing and describing anthropological impacts
- Interpreting and explaining statistics and other forms of data
- Making inferences based on visual distributions of data depicting trends and patterns
- Representing data – climate graphs, population pyramids etc.
- Inquiry skills – asking and refining questions to guide research

Assessment

- Stimulus-response tasks
- Research assignments
- Multimodal presentations
- Knowledge exams

eLearning Skills

- Online research – using databases and referencing apps
- Word processing using various platforms

PSYCHOLOGY (can study for one semester)

Concepts

- Theories of human well-being in ancient times and in modernity.
- Adolescent mental health and well-being – exploring the impact of modern living on adolescent mental health and well-being. In particular, considering the way that social media is shaping relationships and considering how stress manifests and can be managed.
- Psychology in sport.
- Statistical analysis for understanding psychological studies.

Skills developed

- Critical analysis of written and visual texts
- Working collaboratively in a group
- Research skills and source evaluation

Assessment

- Short response test
- Summary and annotation of critical texts
- Research investigation

eLearning Skills

- File organisation and management using One Drive
- Teams and Class Notebook – online platforms for distributing, sharing and collaborating.
- Internet based research

PHYSICS (can study for one semester)

Concepts:

- Kinematics
- Energy
- Momentum and Collisions

Skills Developed

- Science processing skills
- Higher-order thinking
- Mathematics essential to inquiry, measurement, development of formulas, and creation of charts and graphs to communicate.
- Collection of real-time sensor data with probes and interfaces
- Use a variety of technology to perform hands-on experiments to collect and analyse data
- Research using Science inquiry to understand major concepts

Assessment

- Supervised Assessment of major concepts
- Scientific investigation to apply concepts learned

eLearning

- Online analytics and data visualization tools
- Sensors, probes and interfaces
- Data sharing
- Online simulations, animations and demonstrations

PHYSICAL EDUCATION - Extension (can study for one semester)

Concepts

Students will engage in a variety of units aimed at preparing them for the rigors of ATAR Physical Education. Through the use of Sports Science techniques, the course will be focused on the analytical elements of PE through a practical learning environment. Assessments will be based on the style and requirements of ATAR PE with a strong focus on practical and skills.

Practical units:

A sport chose to complement the class and best suit their learning needs. Examples may include Golf, Waterpolo, Archery, Canoeing.

Theory units:

Tactical awareness
Biomechanics
Data Analysis
GPS Tracking
Fitness Tracking

Skills developed

- Filming
- Data collection - Primary and Secondary
- Data Analysis
- Sport analysis
- Tactical awareness

Assessment

- Multimodal Presentation

VISUAL ART (can study for one or both semesters)

Concepts

- Creating
- Responding
- Displaying

Skills Developed

- 2-Dimensional Media
- 3-Dimensional Media
- Elements and principles of art and design
- Planning, documenting and evaluation of own artworks
- Writing about Artworks and Art History
 - Visual Art language and terminology
 - Referencing conventions for text and images
- Environmental/Installation Art
- Presenting and displaying artworks

Assessment

- Sculpture
- Printmaking
- Painting
- Installation Artwork
- Analytical Essay
- Visual Journal
- Artist Statement

eLearning Skills

- Researching
- Word processing
- email
- Scanning images
- Editing images
- Referencing Generator

ENGLISH (Literature) EXTENSION (can study for one semester)

Concepts

This course is designed to help improve student writing skills through frequent practice and workshops. Students will work primarily on creative writing and essential skills of the writer's craft (research, collaboration, and editing for effect). In the past students have developed a portfolio of work that has included projects and tasks such as:

- Historical fiction
- Flash fiction
- Fantasy cartography
- Literary Pastiche

Skills developed

- Expository writing
- Narrative writing
- Explaining language choices based on genre
- Planning and drafting written work
- Use of cohesive devices – especially devices that signal chronology, paragraphs
- Using direct quotes and paraphrasing
- Proofreading
- Vocabulary

Assessment

- Short fiction portfolio
- Narrative analysis of a section of a novel or short story

eLearning Skills

- Word processing using various platforms
- Presentation media e.g. PowerPoint

CERTIFICATE I WORKPLACE SKILLS (can study for one semester)

St Patrick's College Gympie



RTO number 45734

BSB10120 Certificate I in Workplace Skills

Qualification Description

This qualification reflects the role of individuals who have not yet entered the workforce, and are developing the necessary skills in preparation for work. They may undertake a variety of simple tasks under close supervision.

This qualification provides a range of introductory skills and knowledge to provide individuals with an understanding of the business environment. It provides students with employability skills such as communication, teamwork, problem solving, planning/organising, initiative and enterprise.

This qualification is strongly recommended for any students considering a School Based Traineeship/Vocational Education pathway in Senior School.

Duration and Location

This is a 6 month course delivered in Year 10 on site at St Patrick's College.

Course Units

BSBOPS101 Use Business resources

BSBPEF101 Plan and prepare for work readiness

BSBTEC101 Operate digital devices

BSBOPS201 Work effectively in business environments

FSKWTF001 Complete personal details on extremely simple and short workplace forms

FSKDIG001 Use digital technology for short and basic workplace tasks

Delivery modes

A range of delivery modes will be used during the teaching and learning of this qualification. These include: face-to-face instruction; guided learning; online training.

Fees

There are no additional costs involved in this course.

Assessment

Assessment for this course includes but is not limited to completing practical tasks, Hands-on activities, group work, responding to case studies, short response tasks and project/folio work

Pathways

Workplace Skills provides foundation knowledge and skills required for the workplace and senior subjects such as the Certificate III in Business. See other qualifications at training.gov.au.

RTO Obligation

The RTO guarantees that the student will be provided with every opportunity to complete the qualification. We do not guarantee employment upon completion of this qualification. Students who are deemed competent in all 6 units of competency will be awarded a Qualification and a record of results by St Patrick's College. Students who achieve at least one unit of competency (but not the full qualification) will receive a Statement of Attainment.